

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Yasuhisa FUKUI, Satoshi NAGATA, Ryuichi SHIRAI and Naoaki SAITO

Serial No.: Not Yet Assigned

Filed: Herewith [Express Mail Label No. EV343732774US]

For: MONOCLONAL ANTIBODY RECOGNIZING PHOSPHATIDYLINOSITOL-3,  
4-DIPHOSPHATE

Mail Stop: Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT**

In accordance with the provisions of 37 C.F.R. §§1.56 and 1.97, Applicants herewith submit the publications and/or patents shown on the attached form PTO-1449, for consideration by the Examiner in connection with the examination of the above-identified patent application.

**REMARKS**

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed:

X (1) within three (3) months of the Filing Date or before the mailing date of the First Office Action on the merits; or

       (2) within three months of the mailing date of the Written Opposition issued by the: \_\_\_\_\_ Patent Office (dated \_\_\_\_\_); or

       (3) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and the requisite Certification or fee under Rule 1.17(p), namely \$180.00, is included herein; or

       (4) after the mailing date of a Final Rejection or Notice of Allowance but before the payment of the Issue Fee, and the requisite Certification, petition, and petition fee are included herein.

APPLICANT:

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It is respectfully requested that each of the documents shown on the attached form(s) PTO-1449 be made of record in this application. Copies of these documents (CHECK ONE):

      

are enclosed herewith; or

X

have been cited in the parent application, and are thus not being resubmitted herein.

Early examination and allowance of the present application are respectfully solicited.

#### **FEE AUTHORIZATION**

Should any fees associated with the submission be required, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 04-1105. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,

*Christine C. O'Day*

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Date: November 25, 2003

FORM PTO-1449  INFORMATION DISCLOSURE STATEMENT		DOCKET NO.: 49618-DIV (71965)		SERIAL NO.: Not Yet Assigned			
		APPLICANT(S): Yasuhisa FUKUI et al.					
		FILING DATE: Herewith [Express Mail Label No. EV343732774US]		GROUP NO.: Not Yet Assigned			
<b>UNITED STATES PATENT DOCUMENTS</b>							
EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
<b>OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)</b>							
	AA	Fukami et al., Proc. Natl. Acad. Sci. U.S.A., 85:9057-9061 (1988)					
	AB	Matuoka et al., Science, 239:640-643 (1988)					
	AC	Boronenkov et al., Mol. Biol., Cell, 9:3547-3560 (1998)					
	AD	Coffer et al., Biochem, J., 335:1-13 (1998)					
	AE	Galanos et al., Eur. J. Biochem., 24:116-122 (1971)					
	AF	Miyazawa et al., Mol. Immunol., 25:1025-1031 (1988)					
	AG	Rameh et al., J. Biol. Chem., 274: 8347-8350 (1999)					
	AH	Sawada et al., Chem. Pharm. Bull., 45:1521-1523 (1997)					
	AI	Shirai et al., Tetrahedron Lett., 39: 9485-9488 (1998)					
	AJ	Shirai et al., Tetrahedron Lett., 40: 1693-1696 (1999)					
	AK	Thum et al., Tetrahedron Lett., 37: 9017-9020 (1996)					
	AL	Umeda et al., J. Immun., 137: 3264-3269 (1986)					
	AM	Umeda et al., J. Immun., 136: 2562-2567 (1986)					
	AN	Yokogawa et al., FEBS Lett., 473: 222-226 (2000)					
Examiner:					Date:		